Bella Roberts

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PROFESSIONAL SUMMARY

A dedicated and results-driven **Machine Learning Engineer** with over **13 years** of experience in data analysis, machine learning, and predictive modeling. Skilled in transforming business needs into technical solutions using modern data science tools and practices. Passionate about solving real-world problems through data-driven approaches and delivering measurable outcomes.

CORE SKILLS

- **Technical Skills:** Data Lakes, Kubernetes, Python, EDA, Java, Data Visualization, Excel, A/B Testing, Transformers

- **Analytical Skills:** Statistical modeling, hypothesis testing, data interpretation.

- **Soft Skills:** Clear communication, collaboration, agile mindset, mentoring.

- **Tools:** Tableau, Power BI, Jupyter, Git, Docker, Cloud platforms.

PROFESSIONAL EXPERIENCE

OmniData Group   *September 2017 – April 2019*
Role: Machine Learning Engineer

- Extracted and analyzed large-scale datasets to uncover actionable insights for business growth.

- Built predictive models using machine learning techniques to optimize decision-making.

- Collaborated with engineers and stakeholders on end-to-end model deployment and reporting.

- Led initiatives for workflow automation, improving data pipeline efficiency by 30%.

- Provided guidance and training to junior analysts on analytical best practices.

EDUCATION

University of Tokyo   *Graduated: April 2019*
Bachelor of Science in Bioinformatics
GPA: 3.68

- Relevant Courses: Data Structures, Algorithms, Statistics, Machine Learning, Database Systems

SELECTED PROJECTS

Remote Sensing Image Classification

- Led end-to-end development of a scalable data-driven system that improved operational efficiency.

- Utilized advanced analytics and machine learning for real-time prediction and automation.

- Deployed solutions with seamless integration into business intelligence dashboards.